

Title (en)
Process for cleaning a contaminated liquid

Title (de)
Verfahren zur Reinigung einer schadstoffbelasteten Flüssigkeit

Title (fr)
Procédé pour la purification d'un liquide contaminé

Publication
EP 1400493 B1 20101229 (DE)

Application
EP 03019547 A 20030829

Priority
DE 10243799 A 20020917

Abstract (en)
[origin: EP1400493A1] The cleaner for a pollutant loaded fluid uses an electron beam (18) to impact the fluid with electrons. In the flow direction of the fluid the electron beam (18) has a gas injector (20) to produce a two phase flow. The gas injector can cause a vortex flow in the fluid. The gas can carry a medium which is reactive with the fluid. The medium can be air or oxygen. Claims include a cleaner using the method.

IPC 8 full level
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CPC (source: EP)
A61L 2/087 (2013.01); **A61L 2/26** (2013.01); **B01J 19/085** (2013.01); **C02F 1/305** (2013.01); **C02F 1/72** (2013.01); **B01J 2219/0884** (2013.01); **C02F 1/727** (2013.01); **C02F 1/74** (2013.01); **C02F 1/78** (2013.01); **C02F 9/00** (2013.01); **C02F 2101/36** (2013.01); **C02F 2103/06** (2013.01); **C02F 2301/024** (2013.01); **C02F 2301/026** (2013.01)

Cited by
RU2473469C1; CN101909661A; EA017723B1; EP2052743A1; US8894833B2; WO2009052827A1

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DOCDB simple family (publication)
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